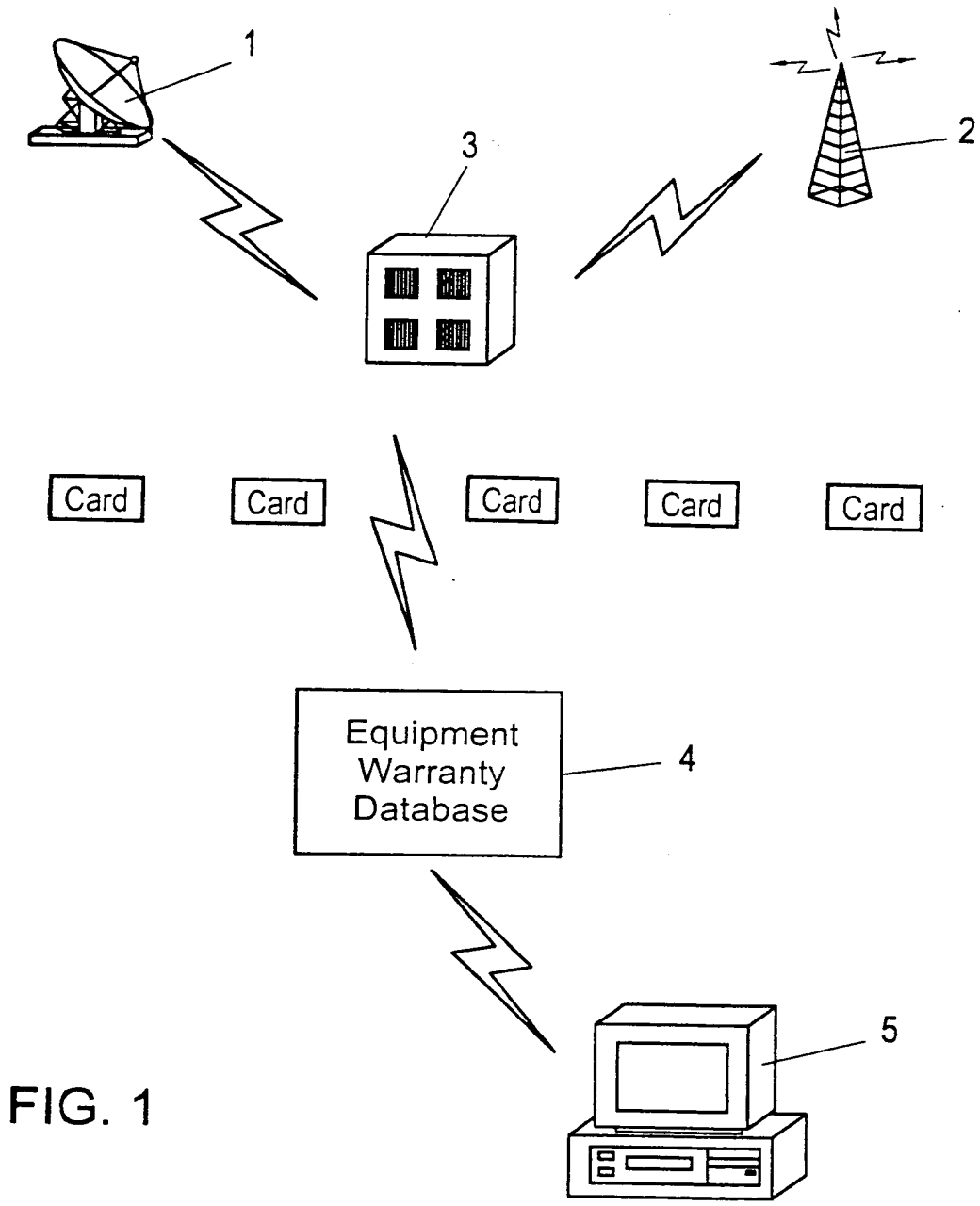

1
2
3
Card
Card
Card
Card
Card
Equipment
Warranty
Database
4
5

FIG. 1

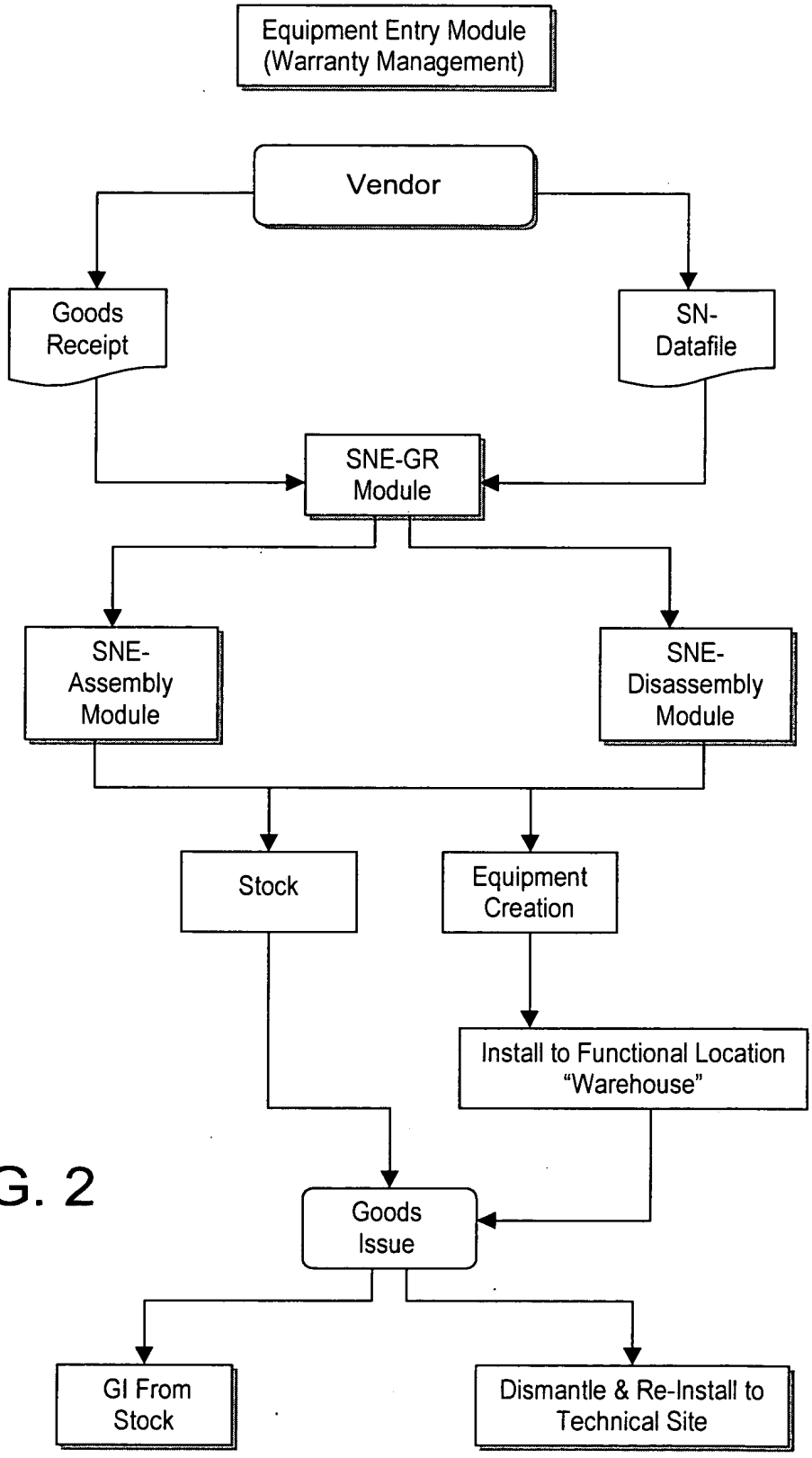

Equipment Entry Module (Warranty Management)
Vendor
Goods Receipt
SN-Datafile
SNE-GR Module
SNE-Assembly Module
SNE-Disassembly Module
Stock
Equipment Creation
Install to Functional Location "Warehouse"
Goods Issue
GI From Stock
Dismantle & Re-Install to Technical Site

FIG. 2

FIG. 3

Check Patterns of Serial Number Types		
e.g.		
####	4-digits numerical	
@	Free pattern	
876###	6-digits numeric starting with 876	
SIMCHECKZ	Last digit to be calculated by SIM-check logic	
NO###	2-digits alpha numeric, starting with NO	Vendor specific

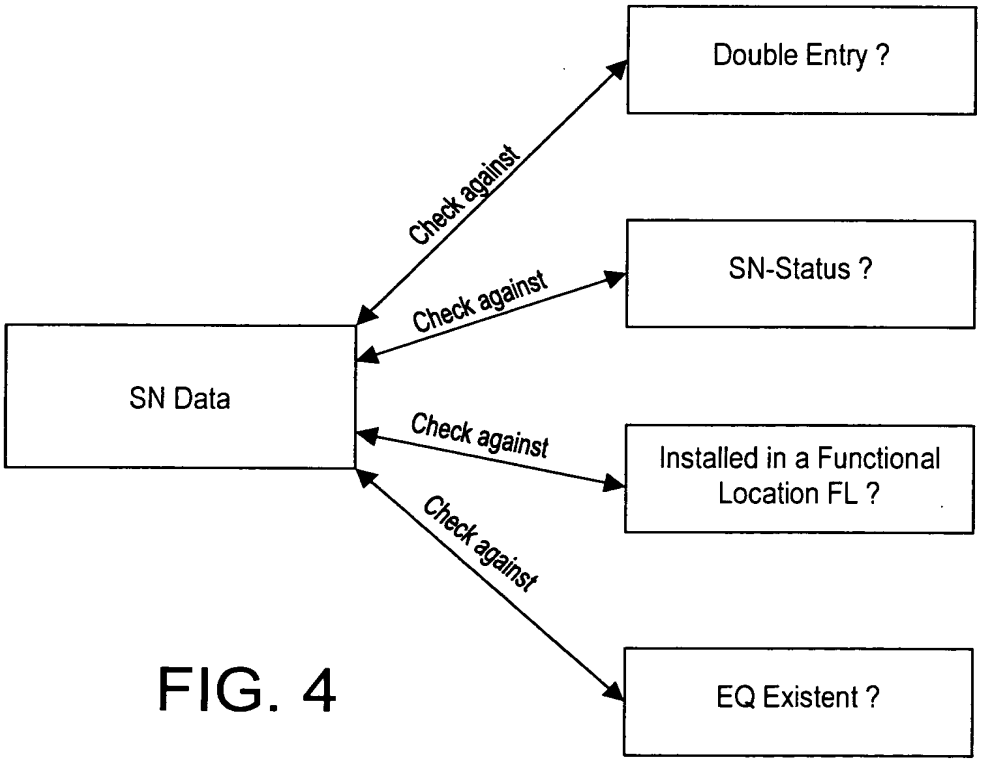


FIG. 4

FIG. 5

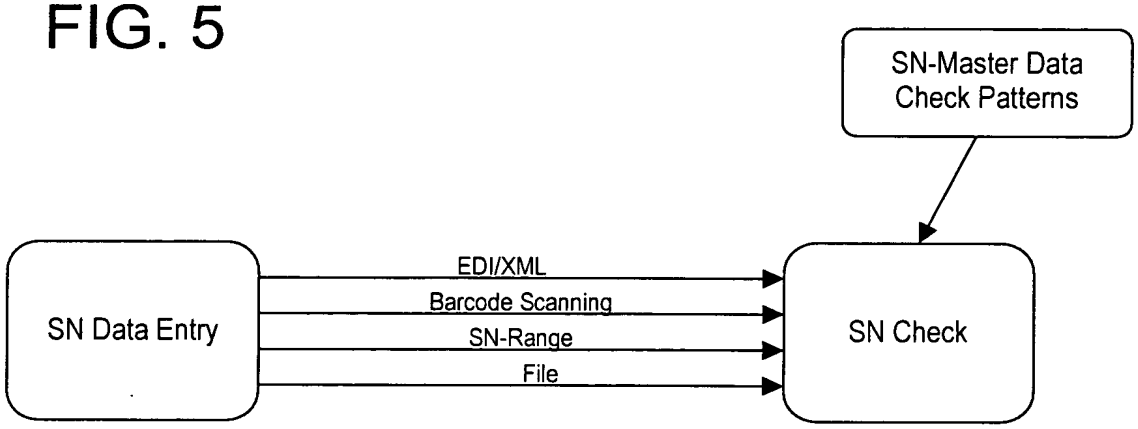
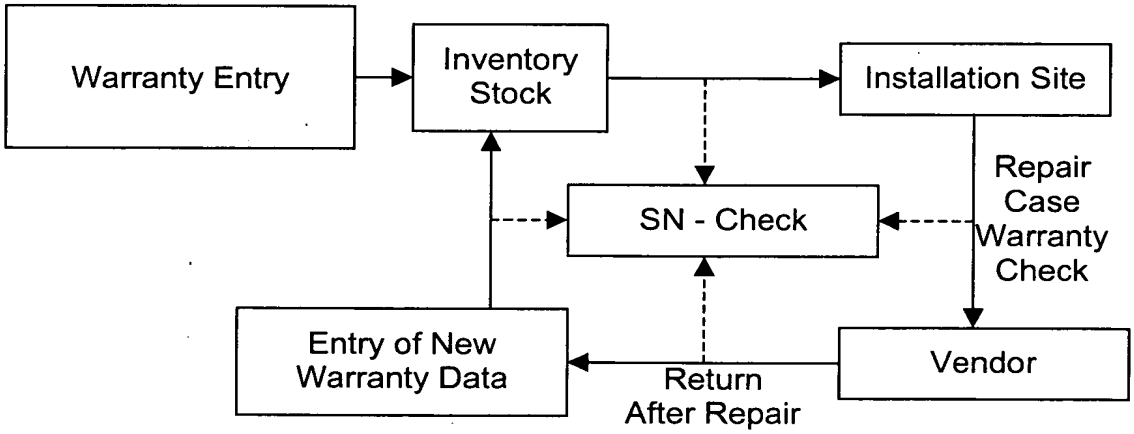

SN-Master Data
Check Patterns
SN Data Entry
EDI/XML
Barcode Scanning
SN-Range
File
SN Check

FIG. 6


Warranty Entry
Inventory
Stock
Installation Site
Repair
Case
Warranty
Check
SN - Check
Entry of New
Warranty Data
Return
After Repair
Vendor

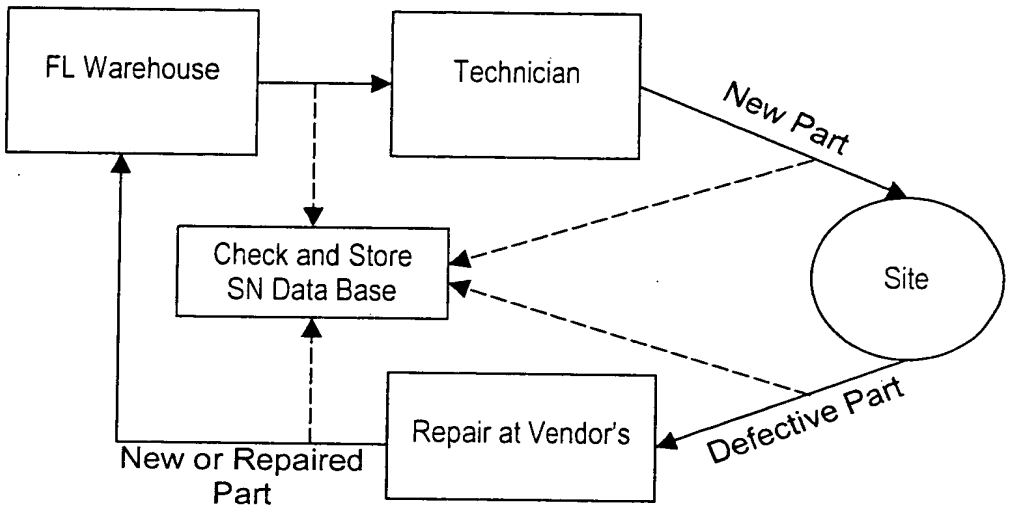


FIG. 7

SN History Table			
Type of Movement	Serial Number	Comment	Further Attributes
GR	xyz..	GR to PO	
GI	xyz..	GI to Customer	
RE	xyz..	Return from Customer	Vendor
RV	xyz..	Return to Vendor	Customer
GR	xyz..	Second GR	
GI	xyz..	Final Issue to Customer	

FIG. 8

FIG. 9

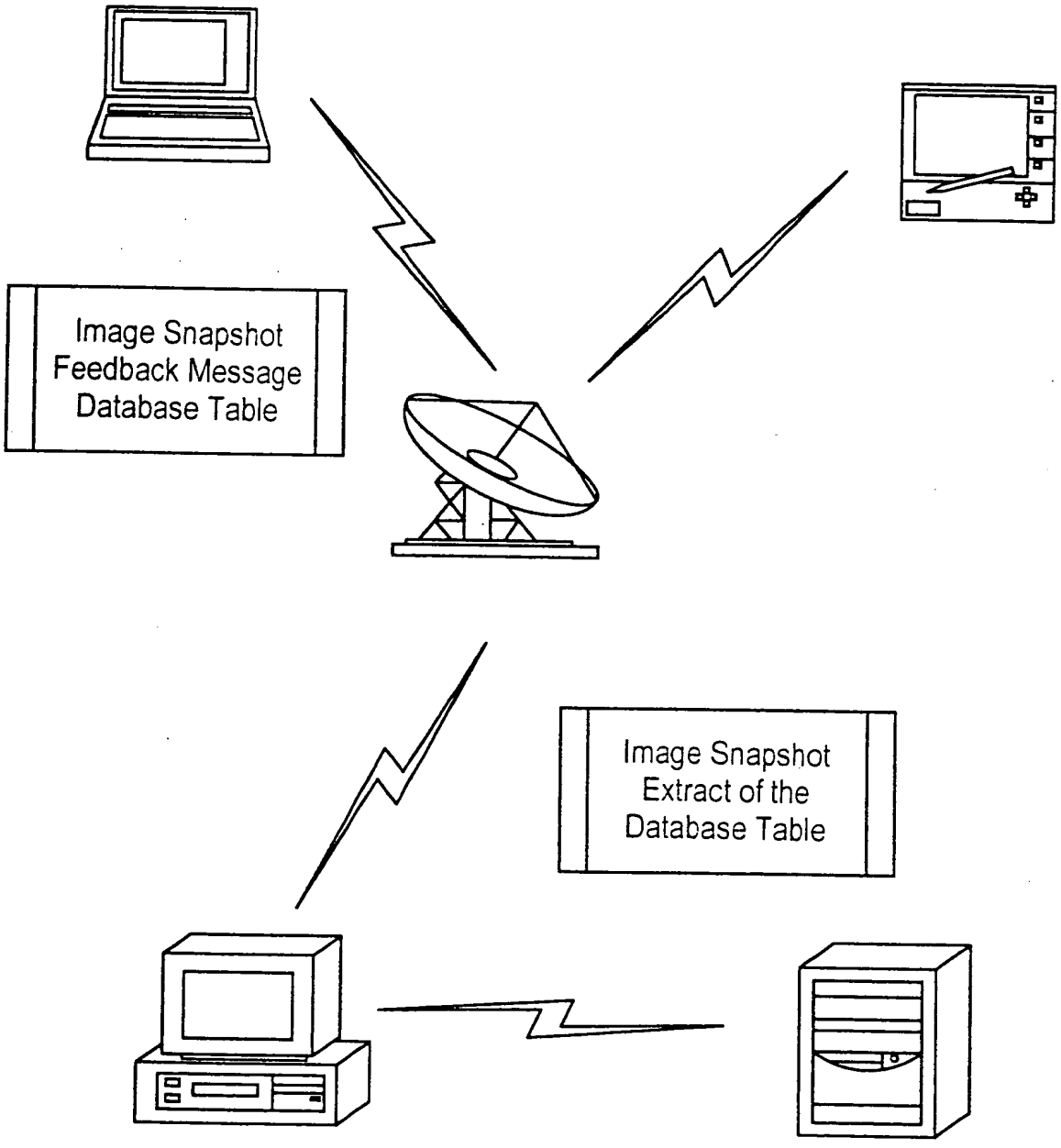


Image Snapshot
Feedback Message
Database Table
Image Snapshot
Extract of the
Database Table

FIG. 10

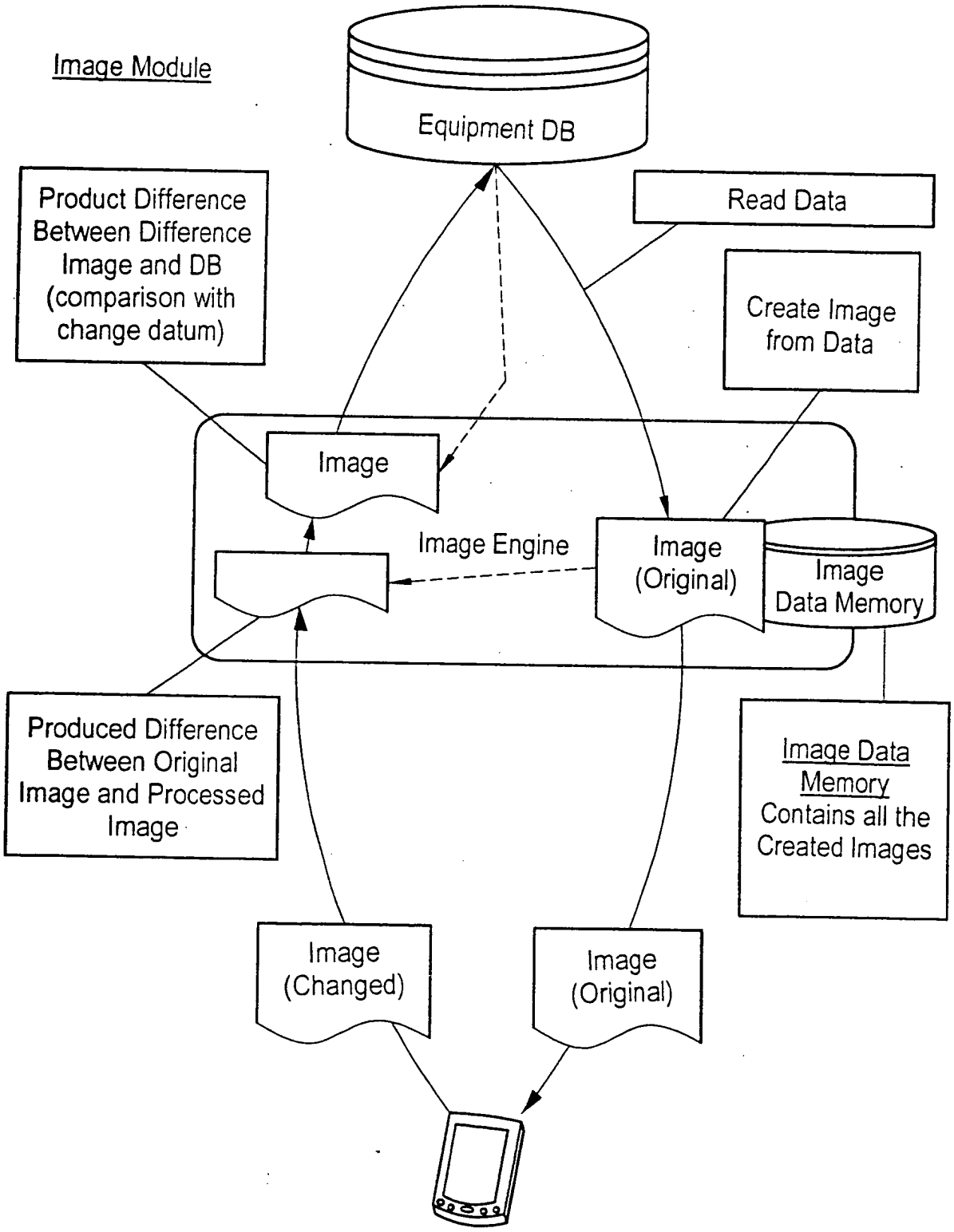


Image Module
Equipment DB
Product Difference Between Difference Image and DB (comparison with change datum)
Read Data
Create Image from Data
Image
Image Engine
Image (Original)
Image Data Memory
Produced Difference Between Original Image and Processed Image
Image Data Memory Contains all the Created Images
Image (Changed)
Image (Original)